

WHAT IS CLAIMED IS:

1. A cross-contamination prevention system comprising:
a supervisor collecting, recording and managing
information regarding cross-contamination that affects
measured values with mixing of a plurality of reagents;

a plurality of information offerers offering the cross-
contamination information to said supervisor;

a plurality of information receivers receiving the
cross-contamination information from said supervisor;

a communication system for dispensing the cross-
contamination information among said supervisor, said
plurality of information offerers, and said plurality of
information receivers via communication lines; and

a processing system for periodically sending the cross-
contamination information under management of said
supervisor to said plurality of information receivers.

2. A cross-contamination prevention system according
to Claim 1, wherein said supervisor carries out a validation
test based on the collected information to validate whether
the information is true or false, and sends only the
information, which has been validated as being true, to said
plurality of information receivers.

3. A cross-contamination prevention system according
to Claim 2, wherein said supervisor is made up of an
information collecting organization for collecting the

information regarding cross-contamination and carries out a validation test on the collected information, and an information sending organization for managing the information, which has been collected and subjected to the validation test by said information collecting organization, and sending the information to said plurality of information receivers.

4. A cross-contamination prevention system according to Claim 2, wherein said supervisor is made up of an information collecting and managing organization for collecting the information regarding cross-contamination, managing only information that has been validated as being true as a result of a validation test carried out on the collected information by an information validating organization, and sending the information under management to said plurality of information receivers, and the information validating organization for receiving the information collected by said information collecting and managing organization and carrying out the validation test on the received information.

5. A cross-contamination prevention system according to Claim 1, wherein the information regarding cross-contamination contains at least one of information for identifying an offensive reagent, information for identifying a defensive reagent, information regarding a level of influence of the cross-contamination, information

regarding a contamination place, information regarding a detergent type, and information regarding a detergent volume.

6. A cross-contamination prevention system according to Claim 1, wherein each of said plurality of information receivers manages an analyzer utilizing the information regarding cross-contamination, and said analyzer has the function of automatically taking in the information received by said information receiver and changing an operation sequence of said analyzer as required.

7. A cross-contamination prevention system according to Claim 6, wherein said analyzer has the function of displaying the cross-contamination information having been automatically taken in, the function of asking an operator of said analyzer for whether the operation sequence of said analyzer is to be changed or not, the function of registering a result of confirmation made by the operator, and the function of changing the operation sequence of said analyzer in accordance with the registration result.

8. A cross-contamination prevention system according to Claim 6, wherein said analyzer has the function of validating its own ability of the function of suppressing cross-contamination, and the function of determining whether the operation sequence of said analyzer is to be changed or not, based on combination of the validated ability of the function of suppressing cross-contamination and the cross-

contamination information having been automatically taken in.

9. A cross-contamination prevention system according to Claim 1, further including a processing system for enabling said supervisor and said information offerers to receive predetermined charges in exchange for offering the information.

10. An automatic analyzer in which many kinds of samples and reagents are handled by repeatedly using common parts while washing the parts, said automatic analyzer comprising:

an information taking-in unit for taking in information regarding cross-contamination via a communication line, the information including reagent combinations causing cross-contamination that affects measured values with mixing of a plurality of samples and reagents attributable to the use of the common parts; and

the function of carrying out a cross-contamination prevention measure, including change in order of pipetting the reagents to prevent the occurrence of the cross-contamination in accordance with the cross-contamination information taken in by said information taking-in unit.

11. An automatic analyzer according to Claim 10, further comprising a display unit for displaying the cross-contamination information taken in by said information taking-in unit, and the function of enabling an operator to

select, in accordance with the displayed cross-contamination information, whether the cross-contamination prevention measure is to be carried out or not.

12. An automatic analyzer according to Claim 10, further comprising the function of automatically taking in the cross-contamination information upon startup of said automatic analyzer.

13. An automatic analyzer according to Claim 10, further comprising the function of testing and evaluating a washing ability of said automatic analyzer by itself, the function of displaying an evaluation result obtained by the evaluating function and the cross-contamination information taken in by said information taking-in unit, and the function of enabling an operator to select, based on display presented by the displaying function, whether the cross-contamination prevention measure is to be carried out or not in accordance with an inputted prevention method if a relevant reagent combination is contained in the taken-in information regarding the reagent combinations causing cross-contamination.